

MERIT[®]
SERIES

COMMERCIAL SPLIT SYSTEMS

**EFFICIENT, DURABLE,
DEPENDABLE.**



COMMERCIAL SOLUTIONS —



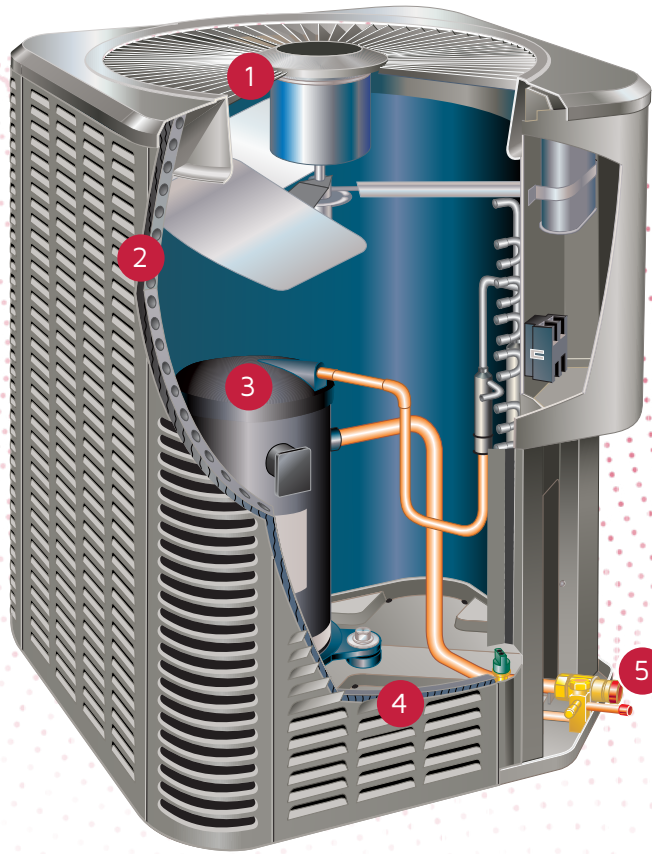
LENNOX MERIT® SERIES SPLIT SYSTEM AIR CONDITIONERS AND HEAT PUMPS.

Welcome to the Lennox® standard of excellence. Merit® Series raises the bar for heating and cooling across the industry. Don't settle when it comes to the air around you - ask for more. Ask for Merit.



LENNOX MERIT[®] SERIES SPLIT SYSTEMS

AIR CONDITIONERS



QUIET AND EFFICIENT OPERATION

- 1 **Outdoor Coil Fan** moves large volumes of air uniformly through the entire condenser coil for high system efficiency.
- 2 **Quantum Coil** is made from proprietary aluminum alloy for corrosion resistance, improved performance and energy savings.
- 3 **Scroll Compressor** provides smooth, efficient, and quiet operation.
- 4 **Heavy Gauge Steel Cabinet** built using superior materials and proprietary designs make Lennox[®] units more durable, safer and easier to install.
- 5 **Braze Free Refrigerant Line Connections** and service valves are in one central area of the cabinet for easy access and simple installation.

LENNOX MERIT® SERIES SPLIT SYSTEMS

QUANTUM COIL



Our Uncontested Quantum™ Coil

With years of rigorous testing under the most extreme conditions, our Quantum Coil – featuring a proprietary aluminum alloy exclusive to Lennox – is designed to weather the harshest elements.

Our exclusive coil is made for improved resistance to corrosion, resulting in improved performance and energy savings.

IMPROVED HUMIDITY CONTROL



ML17KC2

Humidity is harder to control on mild-temperature days, when less cooling is needed. The ML17KC2 unit was designed to remove more moisture than many other systems by shifting to a lower-capacity stage on mild days to match the heat load, then running long enough to reduce both temperature and humidity.

To enhance humidity control even further, choose the optional Humiditrol® dehumidification system. The patented dehumidification system controls temperature and humidity independently, reducing moisture and helping curb the spread of mold and other airborne contaminants.

MERIT® SERIES SMALL SPLIT SYSTEM PERFORMANCE SPECIFICATIONS



Features	Standard-Efficiency, Single-Stage Air Conditioner	Standard-Efficiency, Single-Stage Heat Pump	High-Efficiency, Two-Stage Air Conditioner
Model Number	ML13KC1	ML14KP1	ML17KC2
Size (tons)	3-5	3-5	3-5
Voltage	208/230, 460, 575	208/230, 460	208/230, 460
SEER2 (up to)	15.5	16.0	17.0
HSPF2 (up to)	--	7.5	--
Stages of Cooling	Single-Stage Compressor	Single-Stage Compressor	Two-Stage Compressor
Quiet Design (as low as)	76 dB	76 dB	75 dB
Low ambient kit	Optional	Optional	Optional
Low ambient kit temperature	0°F	0°F	0°F
Scroll compressors	Yes	Yes	Yes
Condenser coil design	Quantum	Quantum	Quantum
Hi-capacity liquid drier	Furnished w/ unit for field installation	Yes	Furnished w/ unit for field installation
Crankcase heater	Yes	Yes	4-5 Ton Yes 3 Ton Optional
High-pressure switch	Yes	Yes	Yes
Low-pressure switch	Yes	Yes	Yes
Freezestat	Optional	Optional	Optional
Short-cycle protection	Optional	Yes	Optional

MERIT® SERIES SMALL SPLIT SYSTEM PERFORMANCE SPECIFICATIONS

			COOLING DATA					HEATING DATA			PHYSICAL DATA OD MODEL			PHYSICAL DATA ID MODEL	
	NOM. TON.	OUTDOOR MODEL NO.	STAGES OF COOLING	OD SOUND RATING (OB)	NET CAPACITY (BTUH)	SEER2	EER2	CAP LOW (BTUH)	CAP HIGH (BTUH)	HSPF2	DIMENSIONS H X W X L [IN]	SHIPPING WEIGHT [LBS.]	INDOOR MODEL NO.	DIMENSIONS H X W X L [IN]	SHIPPING WEIGHT [LBS.]
AIR CONDITIONERS	3	ML13KC1-036	1	76	33,600	14.7	12.2	-	-	-	33.25 x 28.25 x 28.25	190	CBK47UHE-036	51 x 21.25 x 22.625	150
	3.5	ML13KC1-042	1	76	40,000	14.7	12.5	-	-	-	37.25 x 28.25 x 28.25	211	CBK47UHE-048	58.5 x 21.25 x 24.625	186
	4	ML13KC1-048	1	78	45,500	14.4	12.0	-	-	-	29.25 x 28.25 x 28.25	218	CBK47UHE-048	58.5 x 21.25 x 24.625	186
	5	ML13KC1-060	1	80	56,000	13.4	11.2	-	-	-	37.25 x 28.25 x 28.25	267	CBK47UHE-060	62.5 x 21.25 x 24.625	199
	3	ML17KC2-036	2	73	36,000	16.0	12.8	-	-	-	33.75 x 28.25 x 28.25	187	CBK47UHE-036	51 x 21.25 x 22.625	150
	4	ML17KC2-048	2	74	47,500	15.5	12.0	-	-	-	33.75 x 32.25 x 32.25	231	CBK47UHE-048	58.5 x 21.25 x 24.625	186
	5	ML17KC2-060	2	75	57,000	14.7	11.2	-	-	-	43.25 x 32.25 x 32.25	283	CBK47UHE-060	62.5 x 21.25 x 24.625	199
HEAT PUMPS	3	ML14KP1-036	1	75	35,400	15.2	12.8	20,400	35,600	8.0	33.25 x 32.25 x 32.25	229	CBK47UHE-036	51 x 21.25 x 22.625	159
	3.5	ML14KP1-042	1	78	41,500	15.5	12.8	25,800	40,500	8.2	32.25 x 37.25 x 36.5	272	CBK47UHE-048	58.5 x 21.25 x 24.625	189
	4	ML14KP1-048	1	79	48,000	15.2	12.4	30,600	48,000	8.2	32.25 x 37.25 x 36.5	273	CBK47UHE-048	58.5 x 21.25 x 24.625	189
	5	ML14KP1-060	1	79	57,500	14.3	11.7	35,600	55,500	8.0	32.25 x 43.25 x 42.5	295	CBK47UHE-060	62.5 x 21.25 x 24.625	199

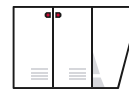


COMPLETE COMMERCIAL CLIMATE SOLUTIONS

Create your ideal building environment with the comprehensive Lennox Commercial portfolio. Each solution is engineered to optimize performance, energy-efficiency, serviceability and environmental impact. From Varix™ VRF Systems working alongside rooftop units to complete custom turnkey solutions, we'll help you find the perfect system for your needs.



Contact us to discuss your project and request a quote.
[Lennox.com/Commercial/Connect](https://www.lennox.com/commercial/connect)



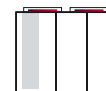
PACKAGED UNITS

Model L™, Enlight, Xion™, Raider®



VRF

Outdoor and Indoor Units,
Controls, Accessories



SPLIT SYSTEMS

Elite® Series, Merit® Series, Air Handlers,
Indoor Coils



COMMERCIAL CONTROLS

Lennox® CORE Control System, Lennox
Commercial Thermostats and Sensors



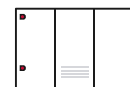
MINI-SPLIT SYSTEMS

Outdoor and Indoor Units, Controls,
Accessories



HEATING

Unit Heaters and Furnaces



INDOOR AIR QUALITY

Dehumidification, Filtration, Purification

WITH YOU EVERY STEP OF THE WAY

Get fast, direct access to commercial HVAC expertise and equipment—straight from the source. Your Lennox team is here to help you be more efficient, informed and effective at every stage of your projects.



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